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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/067,263	02/07/2002	Munenori Sawada	111914	6681

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OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320

EXAMINER

LEWIS, DAVID LEE

ART UNIT	PAPER NUMBER
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2673

DATE MAILED: 07/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/067,263

Applicant(s)

SAWADA, MUNENORI

Examiner

David L. Lewis

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 March 2005.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 5-11 and 15 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 5-11 and 15 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 5-11, and 15 are rejected under 35 U.S.C. 102(a) as being anticipated by Klein et al. (6163326).

As in claim 5, Latocha et al. teaches of an input system for a portable terminal, comprising a portable terminal which uses a control unit for input, figure 1 item 100, column 3 lines 10-20,

wherein: a plurality of control units are detachably mounted on said portable terminal, figure 1 item 200, figure 5 item 460, figure 13, figure 14, column 4 lines 38-43,

and one or more control units can be selected from said plurality of control units, column 4 lines 35-45,

said portable terminal using the selected control units for input, column 4 lines 33-43,

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and wherein: said portable terminal comprises contact detection plates for detecting contact on plate surfaces and accepts input from said control units based on the result of detection performed by said contact detection plates, **column 3 lines 40-50**;

and each of said control units comprises movable contacts which, when said control unit is mounted on said portable terminal in such away as to lie on one of said contact detection plates, come into and out of contact with said contact detection plate by move, **column 3 lines 40-50**. Wherein as shown in figure 5 a portable device 400 includes a plurality of detachable input devices 460, each having a distinct ID code stored in the input device and received at the portable device processing hardware.

As in claim 6, Paolucci et al. teaches of wherein each of said control units comprises ID contacts which come into contact with unique parts of said contact detection plate when said control unit is mounted on said portable terminal in such a way as to lie on said contact detection plate, column 5 lines 14-29;

and said portable terminal detects the places of contact between said contact detection plate and ID contacts and identifies said control unit based on the result of the detection, column 5 lines 14-29

As in claim 7, Paolucci et al. teaches of said portable terminal comprises storage means for storing control unit information for each of said control units, column 5 lines 4-10, column 6 lines 13-15, wherein the processing resources include storage, and the input device may be coded said code stored in the hardware for the input device.

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detects the places of contact between said contact detection plate and said ID contacts, column 5 lines 14-25

searches said storage means for appropriate control unit information based on the result of the detection, column 5 lines 30-35

and identifies said control unit based on the retrieved control unit information, column 5 lines 14-25.

As in claim 8, Paolucci et al. teaches of wherein said portable terminal comprises portable-terminal-side connection terminals for connecting electrically with said control units and accepts input from said control units through electrical communications with said portable-terminal-side connection terminals, figure 1 item 155, column 3 lines 40-50, column 5 lines 14-20;

and each of said control units comprises a control-unit-side connection terminal for connecting electrically with one of said portable-terminal-side connection terminals and operation means to be operated by the user, figure 1 item 155, column 3 lines 40-50, column 5 lines 14-20

and in response to the operation of said operation means, changes the content of electrical signals associated with electrical communications between said control-unit-side connection terminal and said portable-terminal-side connection terminal, figure 5 item 440, column 4 lines 35-45, column 5 lines 4-24.

As in claim 9, Paolucci et al. teaches of each of said control units connects ID circuit to said control-unit-side connection terminal, column 5 lines 13-16,

said ID circuit changes the content of electrical signals associated with electrical communications between said control-unit-side connection terminal and said portable-terminal-side connection terminal into unique content, column 5 lines 25-35,

and said portable terminal identifies said control unit based on the electrical communications between said portable-terminal-side connection terminal and said ID circuit, column 5 lines 25-35.

As in claim 10, Paolucci et al. teaches of wherein said portable terminal comprises storage means for storing control unit information for each of said control units, column 5 lines 4-10, column 6 lines 13-15, wherein the processing resources include storage, and the input device may be coded said code stored in the hardware for the input device

acquires ID information based on electrical communications between said portable-terminal-side connection terminal and said ID circuit, column 5 lines 56-67

searches said storage means for appropriate control unit information based on the acquired ID information, column 5 lines 56-67

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and identifies said control unit based on the retrieved control unit information, column 5 lines 56-67.

As in claim 11, Paolucci et al. teaches of, wherein, said portable terminal requires, during application start-up, for one or more of said control units to be selected and when one or more control units are selected, accepts input for the application from the selected control units, column 5 lines 40-45, column 3 lines 55-63.

As in claim 15, Latocha et al. teaches of a computer-readable medium having encoded thereon a computer-readable input program to be executed by the input system for a portable terminal according for use with a computer system, column 3 lines 55-64

wherein said input program when executed causes said computer system to select one or more control units from said plurality of control units and makes input to be accepted in said portable terminal via the selected control unit., column 3 lines 55-64, column 4 lines 32-40.

Response to Arguments

2. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection. See the new 102 rejection over Paolucci et al. (6788285). Paolucci et al. anticipates the Applicant's invention.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **David L. Lewis** whose telephone number is **(571) 272-7673**. The examiner can normally be reached on MT and THF from 8 to 5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala, can be reached on (571) 272-7681. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

July 1, 2005



BIPIN SHALWALA
SUPERVISORY PATENT EXAMINER
TECH CENTER 2600